

CLAIMS

- 1) An analysis and/or measuring device comprising means for extracting, in the gaseous form, hydrocarbons contained in a liquid fluid, means for transporting said extracted gases, means intended for analysis and measurement on these extracted gases,
 5 characterized in that said transport means include a tubular line comprising an inner tube made from at least one of the following plastics or from mixtures thereof :
- fluoropolymers such as PTFE (polytetrafluoroethylene), FEP (tetrafluoroethene-perfluoroprene copolymer), PVDF (polyvinylidene fluoride), ETFE (tetrafluoroethylene-ethylene copolymer), ETFCE (ethylene-trifluorochlorethylene
 10 copolymer), PCTFE (polychlorotrifluoroethylene), PFA (perfluoroalkoxyalkane),
 - fluoroelastomers, such as hexafluoropropylene/vinylidene fluoride copolymers, hexafluoropropylene/vinylidene fluoride/tetrafluoropropylene THV terpolymers, tetrafluoroethylene/hexafluoropropylene/treated vinylidene fluoride ,
 - Ketone polymer type elastomers, such as PEEK (polyetherether ketone), PEKK,
 15 PAEK, PEK, aliphatic polyketone.
- 2) A device as claimed in claim 1, wherein said inner tube is made of THV.
- 3) A device as claimed in any one of the previous claims, wherein said inner tube is externally protected by at least one other sheath.
- 4) A device as claimed in any one of the previous claims, wherein the thickness of
 20 the inner tube ranges between 0.1 and 0.5 mm, and it is preferably below 0.2 mm.

5) A device as claimed in any one of the previous claims, wherein the inside diameter of the inner tube ranges between 3 and 12 mm, preferably between 6 and 10 mm.

6) Application of the device as claimed in any one of claims 1 to 5 for analysis of
5 hydrocarbons carried along by a drilling fluid after drilling in a reservoir rock.

09837065.062504
T05290 990/8860